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	بيديا به الماليات
	Spec. #11 STAT
	14 May 1968 (3 pages)

INSTALLATION REQUIREMENTS FOR THE

ULTRA-HIGH PRECISION STEREOCOMPARATOR

I.	INS	TRUMENT		
	A.	Name of instrument:	Ultra-High Precision Stereocomparator	• •
	В.	Manufacturer:		STAT

C. Contract number: D. Delivery date: Tentative: January 12, 1970

PHYSICAL FEATURES II.

- Sub-assemblies:
 - Number of sub-assemblies: N/A Main frame
 - Largest sub-assembly: Weight 6000 lbs; 18" H x 123" W x 74" D
 - Heaviest sub-assembly: Weight 6000 lbs; 18" H x 123" W x 74" D
- B. Assembled instrument:
 - 1. Number of major components: 7
 - Largest component: Weight 27000 lbs; 90" H x 160" W x 96" D
 - Heaviest component: Weight 27000 lbs; 90" H x 160" W x 96" D
 - Total floor space required after assembly, including maintenance access space: 10' H x 18' W x 28' D
 - Total weight of assembled instrument: 32,000 lbs.
- C. Type of base of mount: 4-point suspension
- D. Does the instrument have built-in mobility? No.
- Is the instrument particularly sensitive to vibration? Yes. Will the instrument generate vibration? No.
- Are any special or unusual tools or fixtures necessary or advisable for the installation or the maintenance of this instrument? No (mechanical).

III. UTILITIES

- A. Electrical:
 - 110/120 volts A.C., 208 V A.C., 24 V D.C. 1. Voltage 440 2. Current 100 Amps/phase
 - 3. Frequency 60 cps 4. Nr. of phases 3 Ph
 - 5. Nr. of wires
 - 6. Power Required 40,000 watts
 - 7. Power factor .7 (Lagging)
 - 8. Type of outlet: Permanent 24 volt control system 9.
 - Type of ground: Direct earth ground.
 - Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment? Yes. If "Yes," to what extent? Machine will be self-shielded.

D. Compressed air: Is compressed air required? Yes. Water free and oil free. Pressure 35 psig. Flow in CFM maximum 10, minimum 1, average 4.

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E .,	No vacuum is re	equired.				
F. Peripheral Devices: The instrument is connected to a peripheral computer by a cable and connecting with cannon connector number RWK-8-31SL. Connections are specified by logic diagram, output interface, number EE 5832.					nections are	STAT STAT
		•	Into	ormation prov	ided by:	
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